Journal of Fluid Mechanics Volume 543 25 November 2005

L. Gu & G. A. Lawrence	Analytical solution for maximal frictional two-layer exchange flow	1
G. I. Ogilvie	Wave attractors and the asymptotic dissipation rate of tidal disturbances	19
E. Konstantinidis, S. Balabani & M. Yianneskis	The timing of vortex shedding in a cylinder wake imposed by periodic inflow perturbations	45
R. Bharadwaj & J. G. Santiago	Dynamics of field-amplified sample stacking	57
A. Ferrante & S. Elghobashi	Reynolds number effect on drag reduction in a microbubble-laden spatially developing turbulent boundary layer	93
C. D. Troy & J. R. Koseff	The instability and breaking of long internal waves	107
L. Rosellini, F. Hersen, C. Clanet & L. Bocquet	Skipping stones	137
T. J. Bridges & F. E. Laine-Pearson	The long-wave instability of short-crested waves, via embedding in the oblique two-wave interaction	147
E. Sultan, A. Boudaoud & M. Ben Amar	Evaporation of a thin film: diffusion of the vapour and Marangoni instabilities	183
E. A. Burroughs, E. A. Coutsias & L. A. Romero	A reduced-order partial differential equation model for the flow in a thermosyphon	203
D. Pritchard	On fine sediment transport by a flood surge	239
U. T. Ehrenmark	An alternative dispersion equation for water waves over an inclined bed	249
M. Stastna & W. R. Peltier	On the resonant generation of large-amplitude internal solitary and solitary-like waves	267
S. Lyle, H. E. Huppert, M. Hallworth, M. Bickle & A. Chadwick	Axisymmetric gravity currents in a porous medium	293
G. Leneweit, R. Koehler, K. G. Roesner & G. Schäfer	Regimes of drop morphology in oblique impact on deep fluids	303
M. S. Howe	Sound produced by a vortex interacting with a cavitated wake	333
INDEX TO VOLUME 543		348

The Journal of Fluid Mechanics now accepts submissions via Manuscript Central
Go to http://www.jfm.damtp.cam.ac.uk/online_submission.html as an author

CAMBRIDGE UNIVERSITY PRESS

Cambridge Journals Online
journals.cambridge.org

0022-1120(200511)543;1-0

Journal of Fluid Mechanics Volume 543 25 November 2005

L. Gu & G. A. Lawrence	Analytical solution for maximal frictional two-layer exchange flow	1
G. I. Ogilvie	Wave attractors and the asymptotic dissipation rate of tidal disturbances	19
E. Konstantinidis, S. Balabani & M. Yianneskis	The timing of vortex shedding in a cylinder wake imposed by periodic inflow perturbations	45
R. Bharadwaj & J. G. Santiago	Dynamics of field-amplified sample stacking	57
A. Ferrante & S. Elghobashi	Reynolds number effect on drag reduction in a microbubble-laden spatially developing turbulent boundary layer	93
C. D. Troy & J. R. Koseff	The instability and breaking of long internal waves	107
L. Rosellini, F. Hersen, C. Clanet & L. Bocquet	Skipping stones	137
T. J. Bridges & F. E. Laine-Pearson	The long-wave instability of short-crested waves, via embedding in the oblique two-wave interaction	147
E. Sultan, A. Boudaoud & M. Ben Amar	Evaporation of a thin film: diffusion of the vapour and Marangoni instabilities	183
E. A. Burroughs, E. A. Coutsias & L. A. Romero	A reduced-order partial differential equation model for the flow in a thermosyphon	203
D. Pritchard	On fine sediment transport by a flood surge	239
U. T. Ehrenmark	An alternative dispersion equation for water waves over an inclined bed	249
M. Stastna & W. R. Peltier	On the resonant generation of large-amplitude internal solitary and solitary-like waves	267
S. Lyle, H. E. Huppert, M. Hallworth, M. Bickle & A. Chadwick	Axisymmetric gravity currents in a porous medium	293
G. Leneweit, R. Koehler, K. G. Roesner & G. Schäfer	Regimes of drop morphology in oblique impact on deep fluids	303
M. S. Howe	Sound produced by a vortex interacting with a cavitated wake	333
INDEX TO VOLUME 543		348

The Journal of Fluid Mechanics now accepts submissions via Manuscript Central
Go to http://www.jfm.damtp.cam.ac.uk/online_submission.html as an author

CAMBRIDGE UNIVERSITY PRESS

Cambridge Journals Online
journals.cambridge.org

0022-1120(200511)543;1-0